

**To:** Beeler, Cindy[Beeler.Cindy@epa.gov]; Gilbert, Alexas[Gilbert.Alexas@epa.gov]; Zull, Aaron[zull.aaron@epa.gov]  
**Cc:** Matichuk, Rebecca[Matichuk.Rebecca@epa.gov]; Kosusko, Mike[kosusko.mike@epa.gov]  
**From:** Strum, Madeleine  
**Sent:** Tue 8/30/2016 3:35:56 AM  
**Subject:** RE: oil tank composite

Hi All,

Any findings on this?

Madeleine

**From:** Beeler, Cindy  
**Sent:** Friday, August 26, 2016 11:03 AM  
**To:** Strum, Madeleine <Strum.Madeleine@epa.gov>; Gilbert, Alexas <Gilbert.Alexas@epa.gov>; Zull, Aaron <zull.aaron@epa.gov>  
**Cc:** Matichuk, Rebecca <Matichuk.Rebecca@epa.gov>  
**Subject:** Re: oil tank composite

**Alexas** - Did Bill Barrett provide a speciated tank emission profile as part of the UB EI?

## Ex. 5 - Deliberative Process

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I'm cc'ing **Aaron** on this email too because he is part of the data analysis team.

**Cindy Beeler**

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**From:** Strum, Madeleine  
**Sent:** Thursday, August 25, 2016 9:50:46 PM  
**To:** Beeler, Cindy; Gilbert, Alexas  
**Cc:** Matichuk, Rebecca  
**Subject:** oil tank composite

All

The corrected Uinta Basin oil tank profiles have a very high benzene due to the profile from "Oil Field - Oil Tank Battery Vent Gas - Bill Barrett Corporation" which is 10 times more benzene than the other 2 operators (see attachment, rows 40, 41 and 42)

I've not seen that high benzene from other oil tank profiles (East Texas or Uinta WRAP). Did you have any newer data that can shed light on whether the composite is reliable to use in our modeling or should we use the WRAP for this category (oil tanks)

Composite Profile 95419 Oil Tanks ERRONEOUS versus CORRECTED

SPECIES_PROPERTIES.NAME	ERRONEIUS	ERRONEOUS	SPECIES_PROPERTIES.NAME	CORRECTED	CORRECTED
	wt fraction TOG wt fraction	voc fraction		tog fraction	voc fraction
2,2,4-trimethylpentane	0.006049235	0.006067231	2,2,4-trimethylpentane	0.00607407	0.00881391
Benzene	0.006996714	0.007017530	<b>Benzene</b>	<b>0.01507368</b>	<b>0.02187298</b>
Ethylbenzene	0.002248985	0.002255676	Ethylbenzene	0.00052494	0.00076173
Isomers of xylene	0.014199917	0.014242162	Isomers of xylene	0.00360276	0.00522787
Methane	0.001914960	0.001920657	Methane	0.21979532	0.31893862
N-hexane	0.038761588	0.038876904	N-hexane	0.08221988	0.11930689
Toluene	0.014270297	0.014312751	Toluene	0.01035843	0.01503081

Thanks

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